SUKHANOV, Vasiliy Pavlovich; KLEYMENOVA, K.F., ved. red.; YAKOVLEVA, Z.I., tekhn. red.

[Catalytic processes in petroleum refining]Kataliticheskie pro-tsessy v neftepererabotke. Moskva, Gostoptekhizdat, 1963. 271 p.

(MIRA 16:3)

(Catalysis)   (Petroleum--Refining)

CHUVATOV, V.V.; BEREZIN. N.N.; METSGER, E.Kh.; NAGIN, V.A.; KARTASHOV, N.A., kand. tekhn. nauk, dots.; MIL'KOV, N.V., kand. tekhn. nauk; BYCHKOV, M.I., kand. tekhn.nauk, dots.; SUKHANOV, V.P., SHLYAPIN, V.A.; KORZHENKO, L.I.; ABRAMYCHEV, Ye.P.; KAZANTSEV, I.I.; YARES'KO, V.F.; LUKOYANOV, Yu.N.; DUDAROV, V.K.; BALINSKIY, R.P.; KOROTKOVSKIY, A.E.; PONOMAREV, I.I.; NOVOSEL'SKIY, S.A., kand. tekhn.nauk, dots.; IL'INYKH, N.Z.; TSITKIN, N.A.; ROGOZHIN, G.I.; PRAVOTOROV, B.A.; ORLOV, V.D.; RACHINSKIY, M.N.; KULTYSHEV, V.N.; SMAGIN, G.N.; KUZNETSOV, V.D.; MACHERET, I.G.; SHEGAL, A.V.; GALASHOV, F.K.; ANTIPIN, A.A.; SHALAKHIN, K.S.; RASCHEKTAYEV, I.M.; TISHCHENKO, Ye.I.; FOTIYEV, A.F.; IPPOLITOV, M.F.; DOROSINSKIY, G.P.; ROZHKOV, Ye.P.; RYUMIN, N.T.; AYZENBERG, S.L.; GOLUBTSOV, N.I.; VUS-VONSOVICH, I.K., inzh., retsenzent; GOLOVKIN, A.M., inzh., retsenzent; GUSELETOV, A.I., inzh., retsenzent; KALUGIN, N.I., inzh., retsenzent; KRAMINSKIY, I.S., inzh., retsenzent; MAYLE, O.Ya., inzh., retsenzent; OZERSKIY, S.M., inzh., retsenzent; SKOBLO, Ya.A., dots., retsenzent; SPERANSKIY, B.A., kand. tekhn. nauk, retsenzent; SHALAMOV, K.Ye., inzh., retsenzent; VOYNICH, N.F., inzh., red.; GETLING, Yu., red.; CHERNIKHOV, Ya., tekhn. red.

[Construction handbook] Spravochnik stroitelia. Red.kollegiia: M.I. Bychkov i dr. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo. Vol.1. 1962. 532 p. Vol.2. 1963. 462 p.   (MIRA 16:5)
            (Construction industry)

SUKHANOV, V.S.

Nitrate foam equipment for extinguishing fires. Bezop.truda v
prom. 9 no.4:45-46 Ap '65.   (MIRA 18:5)

1. Severodonetskaya pozharno-ispytatel'naya stantsiya.

SUKHANOV, V.V.; PETROCHENKOV, T.A.; SMIRNOV, G.N.; KONYAKHIN, Yu.Ya., inzh.;
MOROZOVA, T.A.; GORSHKOV, V.V.; YEROSHENKO, N.A.; SHCHERBINA, N.P.

Letters to the editor. Put' i put.khoz. 4 no.11:44-45 N '60.
                                              (MIRA 13:12)
1. Dorozhnyy master, st. Syamba, Severnoy dorogi (for Sukhanov).
2. Starshiy dorozhnyy master, st. Moskva-Kurskaya (for Petrochenkov).
3. Dorozhnyy master 5-go okolotka, st. Khovrino, Oktyabr'skoy dorogi
(for Smirnov). 4. Putevaya rabochaya st. Peshetnikovo, Oktyabr'skoy
dorogi (for Morozova). 5. Starshiy putevoy rabochiy, st. Reshetnikovo,
Oktyabr'skoy dorogi (for Gorshkov). 6. Predsedatel' komissii
partiynogo kontorlya po zhilishchno--bytovym voprosam, st. Aksakovo,
Kuybyshevskoy dorogi (for Yeroshenko). 7. Inzhener distantsii,
st. Nadezhdinsk-Sortirovochnyy, Sverdlovskoy dorogi (for Shcherbina).
                    (Railroads)

SUKHANOV, Ya.

Driving nails into concrete. Izobr.i rats. no.2:10-12 F '60.
(MIRA 13:8)
(Concrete construction)

SUKHANOV, Ya. (g.Mezhdurechensk)

Water propelled combine. Izobr.i rats. no.2:20-23 F '61.
(MIRA 14:2)
(Kuznetsk Basin—Coal mining machinery)

SUKHANOV, Ya. (Krasnoyarskiy kray)

"Design office" on a bulldozer. Izobr. i rats. no. 5:14-16 My '61.
(MIRA 14:5)
(Krasnoyarsk Territory—Road construction)

GROMOVA, L.D.; SUKHANOV, Ya.B., red.; ZAYTSEVA, L.A., tekhn. red.

[Machine embroidery] Mashinnaia vyshivka. Moskva, Gos. izd-vo mestnoi promyshl. i khudozh. promyslov RSFSR, 1961. 29 p. illus.   (MIRA 15:5)

1. Moscow. Nauchno-issledovatel'skiy institut khudozhestvennoy promyshlennosti.
                        (Embroidery (Machine))

SUKHANOV, Ya.Ya.; BONDARENKO, M., red.; ABBASOV, T., tekhred.

[Best swine breeder in the Republic; practices of D.Sultanov from State Breeding Farm No.1 in Samarkand District, Samarkand Province] Luchshii svinovod respubliki; opyt raboty D.Sultanova iz plemsovkhoza No.1 Samarkandskogo raiona, Samarkandskoi oblasti. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960. 15 p.

(MIRA 14:3)

(Samarkand District--Swine)

SUKHANOV, Ye., starshiy prepodavatel'

Verifying the sensitivity module of radio directions finders on the ship. Mor. flot 25 no.2:22 F '65.   (MIRA 18:4)

1. Cdesskoye vyssheye inzhenernoye morskoye uchilishche.

SUKHANOV   YE. L.

66186

24(6) 24.5200   SOV/146-58-5-21/24

AUTHORS: Budrin, D.V., Candidate of Technical Sciences, Docent,
                and Sukhanov, Ye.L., Aspirant

TITLE: Temperature Field in Archimedian Cylinders at Normal
                Temperature

ABSTRACT: At first the author gives practical advice, as to how
                the shape of the heat receiver should be chosen to
                facilitate the calculations. He recommends the shape
                of the Archimedian cylinder, which is an intermediate
                form between a ball and a cube. The calculation of
                the temperature field of a short cylinder with any
                given height and diameter can be based on the rule of
                multiplying the temperature criterias. This rule was
                found by Goldshteyn and later by D.V. Budrin, B.A.
                Krasovskiy, and A.B. Lykov. G.M. Kondrat'yev and his
                school also did research in problems, connected with
                this question. The formulae 1-3 serve to calculate the
Card 1/2   temperatures in the Archemedian cylinder during the

4.

BUDRIN, D.V., dots., kand.tekhn.nauk; SUKHANOV, Ye.L., insh.

Determining the coefficient of heat transfer in heating metals
in fused salts. Izv.vys. ucheb.zav.; chern.met. no.9:51-62
S '58.   (MIRA 11:11)

1. Ural'skiy politekhnicheskiy institut.
                (Heat--Transmission)

SUKHANOV, Ye. L, Candidate Tech Sci (diss) -- "Investigation of heat exchange in heating and cooling metal in liquid media". Sverdlovsk, 1959. 17 pp (Min Higher Educ USSR, Ural Polytech Inst im S. M. Kirov), 150 copies (KL, No 24, 1959, 141)

06389

24(8)   SOV/170-59-2-7/23

AUTHORS: Budrin, D.V., Sukhanov, Ye.L.

TITLE: Coefficients for Calculating Heating or Cooling of Simple-Shaped Bodies

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1959, Nr 2, pp 53-62 (USSR)

ABSTRACT: The calculating methods of the theory of regular thermal behavior /Refs
              2,3/, based on a simplified solution of the differential equation of heat
              conductivity under boundary conditions of the third kind, have been widely
              applied for solution of various thermal and diffusion problems. The
              solution of the equation of heat conductivity for bodies of simple regular
              shape, given by Formula 1 in the text, contains some coefficients depending
              on the Bio criterion (Bi), relative coordinates of a point under considera-
              tion in the body, and the shape of the body. The authors calculated the
              values of these coefficients for the cases of a plate and a long cylinder,
              some of them by the formulas of A.V. Lykov /Ref 7/, on an electric key-
              board computer with an accuracy of the fifth decimal digit. These values,
              rounded off to the fourth decimal, are presented in Tables 1 and 2 for
              both cases respectively for various values of Bi ranging from 0.1 to 100
Card 1/2   and ∞ . These tables contain also coefficients for calculating the temper-

18(5)

AUTHORS: Budrin, D. V., Sukhanov, Ye. L.

SOV/163-59-2-18/48

TITLE: Determination of the Coefficients of Thermal Conductivity of Steels During Heating in Melted Salts (Opredeleniye koeffi-tsiyentov teploprovodnosti staley pri nagreve v rasplavlennykh solyakh)

ABSTRACT: The method suggested is based on the presuppositions of the theory of the regular heat state, i.e. on the assumption of the constancy of thermal properties of the cooled and heated body, the surrounding temperature and the coefficient of heat transmission. For work within a large temperature range, the latter must be subdivided into several intervals for which these presuppositions may be assumed. The method suggested was worked out for samples in the form of an Archimedean cylinder (dia-meter = height), as it is shown in figure 1. The dependence $Bi = \varphi(\varrho^2)$ (Bi = Biot's criterion, ϱ^2 = criterion of the heating and cooling of a body in the form of an Archimedean cylinder) is used as a basis. The following equation system is derived:

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Determination of the Coefficients of Thermal Conductivity SOV/163-59-2-18/48
of Steels During Heating in Melted Salts

$Bi = \varphi(\frac{A}{\lambda_t})$ and $Bi = \frac{A}{3\psi_{inc}\lambda_t}$. (λ_t = heat conductivity at the

temperature t, ψ_{inc} = the criterion of the inconstancy of the
temperature field experimentally determined by measuring the
temperature in the center of the body and on the periphery.

$A = mc_t \gamma R^2$, m representing the rate of heating or cooling (dimen-

sion h^{-1}); c_t = mean heat capacity; γ = density of the material).

The two unknowns λ_t and Bi can be determined graphically (Fig 3)
or by consecutive approximation. The determination of the function
φ is indicated by polynomials . A table indicates the values for
the auxiliary criterion ψ_{pc}

($\psi_{pc} = \frac{t_m - t_p}{t_m - t_c}$, t_m representing the temperature of the medium,

t_p the temperature on the periphery of the body, and t_c the

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temperature in the center of the body) as well as for ρ^2, Bi,

Determination of the Coefficients of Thermal Conductivity SOV/163-59-2-18/48
of Steels During Heating in Melted Salts

and other factors. The experiments were made in 1957 in the
laboratory of the Kafedra gazopechnoy teplotekhniki UPI (Chair
of Gas Furnace Heat Engineering of the UPI). Figure 2 shows the
heating curves of two steel samples in melted salt (44% NaCl +
+ 56% KCl). Table 2 indicates the computation of the conductivity
of steel 10 by the two-point method at a mean temperature of
669.5°C. Figure 4 shows the temperature dependence of the
coefficients of heat conductivity of steel 10 and steel 2Kh13,
and proves the agreement of the values with those found by the
static method of radial heat current at the Kafedra fiziki UPI
(Chair of Physics at the UPI). The two-point method suggested is
time-saving; the use of salt melts prevents the oxidation of the
steel samples, and also permits the determination of the heat
conductivity coefficients at a high temperature (in barium chlo-
ride melts at 1200 - 1250°C). There are 4 figures, 2 tables, and
10 references, 8 of which are Soviet.

ASSOCIATION: Ural'skiy politekhnicheskiy institut (Ural Polytechnic Insti-
tute)

SUBMITTED: May 23, 1958

Card 3/3

FIALKO, Grigoriy Mironovich; SUKHANOV, Ye.L., kand. tekhn. nauk, retsen-
zent; DUGINA, N.A., tekhn. red.

[Automation of equipment for the manufacture of sulfuric acid]
Avtomatizatsiia oborudovaniia dlia proizvodstva sernoi kisloty.
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961.
294 p.   (MIRA 14:10)
        (Sulfuric acid)   (Automation)

S/146/61/004/003/011/013
D217/D301

AUTHORS: Budrin, D.V., and Sukhanov, Ye.L.

TITLE: Determining the coefficient of thermal conductivity of
             steel at high temperature by the two points method

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priboro-
             stroyeniye, v. 4, no. 3, 1961, 130 - 134

TEXT: In order to satisfy the Ural steel factories, methods of
evaluating thermo-physical characteristics are developed in this
article. For specimens at the stage of Archimedes' cylinders (dia-
meters = height) a two points method is worked out. The theory
that in the regular thermal state, the temperature t_D of point D
at the middle height is nearly equal to the mean temperature t_M at
the center of the specimen, was discussed by the authors previously.
They also discovered the possibility of automatic temperature mea-
surement applied to the operation series overcoming the limitations

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Determining the coefficient of ...   S/146/61/004/003/011/013
                                            D217/D301

of G.M. Kondrat'yev's method. The criterion of Kondrat'yev's method for a cylinder is then introduced

$$\rho^2 = f(\psi_{DC})\tag{1}$$

where

$$\psi_{DC} = \frac{t_{amb} - t_D}{t_{amb} - t_C}\tag{2}$$

is the criterion of thermal field irregularity of the cylinder between points D and C. The conductivity is evaluated from the formula

$$a = \frac{m \cdot \rho^2 R^2}{2} \, m^2/hr\tag{3}$$

where R - radius of the specimen, m -

$$m = \frac{8289 \cdot \lg \frac{t_{amb} - t'_D}{t_{amb} - t''_D}}{\tau'' - \tau'}\tag{4}$$

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Determining the coefficient of ...

τ' and τ'' - times of beginning and end of the interval, t_D' and t_D'' temperatures at D at these times, t_{amb} -- ambient temperature. The values of a were related to the time

$$t_M \approx \frac{1}{2} (t_D' + t_D''). \qquad (5)$$

Those parts of the curves, where $/t_D - t_C/ \geqslant 10^{\circ}C$, were examined.

The temperature was $200^{\circ}C$ at the start. Hot liquids intensified the heat exchange. Melted lead was not used because of its noxiousness. The region of phase transformations $720^{\circ} - 850^{\circ}C$ for the mixture NaCl and KCl was examined. Archimedes' cylinders with radii $60 - 90$ mm were used with two holes drilled to the points D and C. Chromel-alumel thermocouples were welded and the temperatures recorded. From these the values t_M and ψD_C and ρ^2 were evaluated,

and finally conductivity a. The graph (Fig. 2) shows that this method gives results a tolerance of 10 %. The error is mainly due to the quality of the thermocouple welding. The preparation of

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Determining the coefficient of ...   S/146/61/004/003/011/013
                                      D217/D301

the specimen is the most complicated part of the method. There are
2 figures and 4 Soviet-bloc references.

ASSOCIATION: Ural'skiy politekhnicheskiy institut im. S.M. Kirova
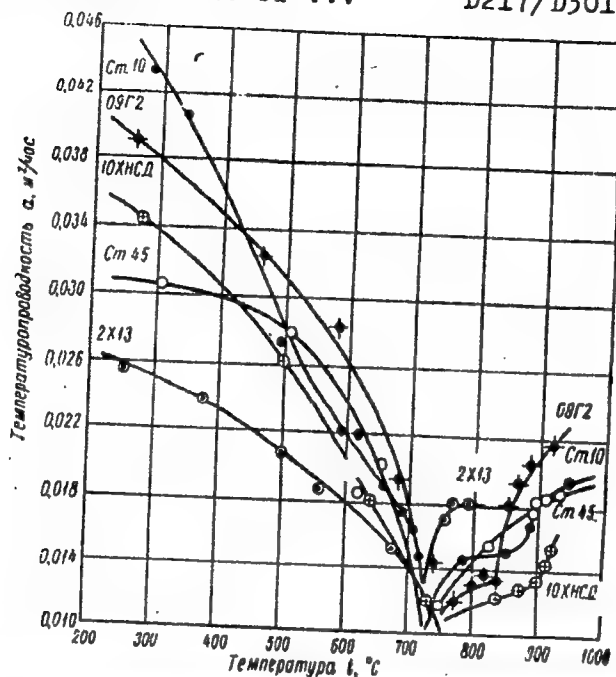   (Ural Politechnic Institute im. S.M. Kirov)

SUBMITTED: December 13, 1960

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Determining the coefficient of ...

Fig. 2.

29649
S/146/61/004/004/013/015
D201/D306

24 5500

AUTHORS: Sukhanov, Ye. L., and Kuprovskiy, B. B.

TITLE: Comparison of stationary and non-stationary methods of determining thermal conductivity of nickel-chromium alloys

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priboro-stroyeniye, v. 4, no. 4, 1961, 98 - 100

TEXT: In order to determine the usefulness of regular heat regime methods for determining the thermal properties of metals at high temperatures, the authors compare two basic methods of analysis: Stationary and non-stationary methods. Both methods were used to investigate the chromium stainless steel 2X13 (2Kh13) and nichrome type X20H80 (Kh20N80). The chemical composition of the two alloys is given. The thermal conductivity λ of the investigated alloys was determined by the absolute method of radial thermal flux in a thick walled cylinder at the laboratories of the Department of Physics of the Polytechnic Institute, Uralsk. The experimental arrangements and methods are described by B. B. Kuprovskiy and P. V. Gel'd (Ref. 1:

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27649
S/146/61/004/004/013/015
Comparison of stationary and non-statio-..D201/D306

Stornik izd. AN SSSR, 1957). All samples were prepared in the forms of 68 mm dia. discs. Two of them had a height of 25 mm, 8 thermal insulation discs (each 10 mm high) were placed on each side of the disc under investigation. The samples were heated by platinum heating elements, placed centrally in the disc in an aperture of 12 mm dia. The discs had also 4 apertures (4 mm dia.) for the thermocouples. The measurements were carried out between 100 and $900^\circ C$ (one arrangement between $100-500^\circ C$, the other $500-900^\circ C$). The greatest possible relative error in determining λ by the stationary method did not exceed 7 %. The two-point method of D.V. Budrin and E.L. Sukhanov (Ref. 2: Metallurgiya, 1959, no. 2) was used to evaluate the temperature conductivity a of the analyzed alloys. Results obtained by the two methods were compared by comparing the values of thermal conductivity. For the non-stationary method the latter was determined from $\lambda = a \cdot \gamma_{20}^\circ C$. The density at $20^\circ C$ γ_{20} and the true

specific thermal capacity c were determined by experiment. The results obtained by the two methods are in good agreement with each other (deviations of the measured values from the averaging curves did not exceed 7 %), so that both methods may be recommended for

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S/196/62/000/001/005/013
E194/E155

AUTHORS: Sukhanov, Ye.L., and Serebrennikov, N.N.

TITLE: The heat content and specific heat of nichrome and carbon- and alloy-steels

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.1, 1962, 6, abstract 1B 36. (Tr. Ural'skogo politekhn. in-ta, 114, 1961, 81-85)

TEXT: A study was made of the thermal properties of the alloys shown in the table. The true specific heat of steel 10 increases smoothly up to a temperature of 700 °C; at temperatures above 900 °C it is 0.155 cal/g.degree and does not alter on further increasing the temperature. The specific heat curve of steel 2 Х13 (2Kh13) displays two sharp peaks; at temperatures above 900 °C the specific heat is 0.157 cal/g.degree and remains constant. No appreciable change was observed in the specific heat of specimens of this steel when they were heated and cooled. Comparison of the results indicates that thermal effects of the magnetic transformations of steel 10 and 2Kh13 are about the same. The true specific heat of nichrome changes smoothly, and this

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The heat content and specific heat...   S/196/62/000/001/005/013
E194/E155

confirms the absence of transformations associated with heating and
cooling this alloy on changing the temperature from 0 to 1200 °C.
4 literature references.
[Abstractor's note: Complete translation.]

Table

Alloy	Analysis, % (remainder Fe)							
	C	Si	Mn	Cr	Ni	Ti	S	P
Carbon steel 10	0.12	0.02	0.47	–	0.24	–	0.009	0.002
Nickel stainless steel 2Kh13	0.18	0.35	0.28	13.57	0.24	0.004	0.013	0.023
Nichrome X20 Ⱶ 80 (Kh20N80)	0.14	0.29	0.70	21.60	76.33	--	0.012	0.016

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34163

S/196/62/000/002/015/023
E194/E155

/8.1735

AUTHORS: Sukhanov, Ye. L., and Kuprovskiy, B B.

TITLE: The thermal conductivity and temperature
conductivity of chrome-nickel alloys

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika
no. 2, 1962, 5, abstract 2G 40. (Tr. Ural·skogo
politekhn. in-ta, v. 114, 1961, 86-89).

TEXT: The thermal conductivity λ of stainless steel
2 X13 (2Kh13) and 18 X 18H 9T (1Kh18N9T) and also of nichrome was
investigated in the temperature range 10-900 °C by the radial
heat-flux method in a thick-walled cylinder and by the regular
conditions method. The relationship between the thermal
conductivity of steel 2Kh13 and temperature was found and
practically coincides with a published value. The value of the
temperature conductivity a of the alloys is calculated from
experimental results and published data using the formula:

$$a = \lambda/(c_p \cdot d_{20})$$

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X

LEBEDEV, Nikolay Sergeyevich; TELEGIN, Aleksandr Semenovich, dots.,
     kand. tekhn. nauk. Prinimali uchastiye: SOKOLOV, K.N., dots.,
     kand. tekhn. nauk; SUKHANOV, Ye.L., dots., kand. tekhn. nauk;
     LYTKIN, V.I., inzh., retsenzent; DUGINA, N.A., tekhn. red.

     [Heating furnaces]Nagrevatel'nye pechi. Moskva, Mashgiz, 1962.
     344 p.   (MIRA 15:12)
                       (Furnaces, Heating)

SUKHANOV, Ye.L.; SEREBRENNIKOV, N.N.

Heat capacity and heat content of nichrome, carbon and alloyed
steel. Trudy Ural.politekh.inst. no.14:81-85 '61.

(MIRA 16:6)

(Nickel-chromium alloys—Thermal properties)
(Steel alloys—Thermal properties)

SUKHANOV, Ye.L.; KUPROVSKIY, B.B.

Heat conductivity and temperature diffusivity of chromium-nickel
alloys. Trudy Ural.politekh.inst. no.14:86-89 '61.
(MIRA 16:6)

(Chromium-nickel alloys—Thermal properties)

BUDRIN, D.V.; SUKHANOV, Ye.L.; SHILOV, V.I.

Heating and cooling specimens of titanium and its alloys. Titan i ego
splavy no.10:332-338 '63.   (MIRA 17:1)

VOL'BERG, A.A.; SUKHANOV, Ye.L.; BELYAYEV, A.I.

Structure and thermophysical properties of the crust on the lining of electrolytic aluminum cells. Izv. AN SSSR. Met. i gor. delo no.5:45-56 S-O '64.   (MIRA 18:1)

KITAYEV, B.I. YAROSHENKO, Yu.G.; LAZAREV, B.L.; SUKHANOV, Ye.L.

Quantitative estimate of heat conditions at a blast furnace
top. Izv. vys. ucheb. zav.; chern. met. 8 no.10:31-36 '65.
(MIRA 18:9)

1. Ural'skiy politekhnicheskiy institut.

MAKSIMOVA, G.A.; SUKHANOV, Ye.M.

Controlling the operation of spinning pumps.   Khim.volok.
no.4:65-66 '59.   (MIRA 13:2)

1. Krasnoyarskiy zavod.
                    (Spinning machinery)

LITSYN, N.M., inzh.; ZANEVSKIY, E.S., inzh.; SUKHAROV, Ye.Ye., inzh.

Contactless relay system for establishing the performance of excavators.
Izv.vys.ucheb.zav.;gor.zhur. 7 no.9:164-167 '64.
(MIRA 18:1)

1. Permskiy politekhnicheskiy institut. Rekomendovana nauchno-issle-
dovatel'skim sektorom.

OSIPOV, K.D.; PASYNKOV, V.V.; REMEZ, G.A., red.; SUKHANOV, Yu.I., red.;
    SMUROV, B.V., tekhn.red.

[Handbook on radio measuring devices] Spravochnik po radio-
izmeritel'nym priboram. Pod red. G.A.Remeza. Moskva, Izd-vo
"Sovetskoe radio." Pt.4. [Special measuring devices and current
sources] Spetsial'nye izmeritel'nye pribory i istochniki pita-
niia. 1959. 152 p.   (MIRA 13:5)
    (Radio measurements)   (Radar)

IL'INSKIY, V.S.; SUKHANOV, Yu.I., red.; SVESHNIKOV, A.A., tekhn.red.

[Vibration and shock isolation] Voprosy izoliatsii vibratsii
i udarov. Moskva, Izd-vo "Sovetskoe radio," 1960. 158 p.
(MIRA 13:5)

(Vibration)

VOLIN, Mikhail Lazarevich; SALOV, V.S., retsenzent; SUKHANOV, Yu.I.,
     red.; SVESHNIKOV, A.A., tekhn.red.

   [Stray inductions and couplings] Parazitnye sviazi i navodki.
   Moskva, Izd-vo "Sovetskoe radio," 1960. 199 p.
                                               (MIRA 13:11)

     (Shielding (Electricity))   (Radio--Interference)

OSIPOV, Konstantin Dmitriyevich; PASYNKOV, Vsevolod Vladimirovich; KOCHET-
KOVA, N.A., red.; SUKHANOV, Yu.I., red.; SMUROV, B.V., tekhn. red.

[Handbook on radio measurement devices] Spravochnik po radioizmeri-
tel'nym priboram. Pod red. G.A.Remeza. Moskva, Izd-vo "Sovetskoe
radio." Part 2. [Frequency measuring devices and instrument oscil-
lators] Pribory dlia izmereniia chastoty i izmeritel'nye generatory.
1960. 203 p.   (MIRA 14:6)
          (Radio measurements)

MORUGIN, L.A. Prinimal uchastiye LEZIN, Yu.S.; ITSKHOKI, Ya.S., prof.,
doktor tekhn. nauk, retsenzent; KRIZE, S.N., prof.,doktor tekhn.
nauk, retsenzent; SUKHANOV, Yu.I., red.; SUROV, B.V., tekhn. red.

[Pulse systems with delayed feedback] Impul'snye ustroistva s za-
pazdyvaiushchei obratnoi sviaz'iu. Moskva, Izd-vo "Sovetskoe radio,"
1961. 207 p.   (MIRA 14:12)
    (Pulse techniques (Electronics)) (Delay lines)

GUSEV, Vladimir Petrovich. Prinimali uchastiye: SAKHAROV, M.A.; OBICHKIN,
Yu.G.; FOMIN, A.V.; SEMIKOV, G.A.; NAZAROV, A.S.; ANDREYEVSKIY,
M.N., retsenzent; KUNYAVSKIY, G.M., retsenzent; BLINNIKOV, I.V.,
retsenzent; BEREZNITSKIY, V.S., red.; SUKHANOV, Yu.I., red.; SVESH-
NIKOV, A.A., tekhn. red.

[Technology of the manufacture of radio electronic equipment] Tekh-
nologiia proizvodstva radioelektronnoi apparatury. Moskva, Izd-vo
"Sovetskoe radio," 1961. 387 p.   (MIRA 14:9)
                    (Radio—Equipment and supplies)

KRIVITSKIY, B.Kh.; OVCHINNIKOV, N.I., red.; SUKHANOV, Yu.I., red.; SVESH-
NIKOV, A.A., tekhn. red.

[Elements and equipment for engineering] Elementy i ustroistva im-
pul'snoi tekhniki. Izd.2., dop. i perer. Moskva, Izd-vo "Sovet-
skoe radio," 1961.   541 p.   (MIRA 14:8)
(Pulse techniques(Electronics))

BYCHKOV, S.I., doktor tekhn. nauk; VURENIN, N.I.; SAFAROV, R.T.;
SUKHANOV, Yu.I., red.; SHUROV, B.V., tekhn. red.

[Frequency stabilization of UHF generators] Stabilizatsiia cha-
stoty generatorov SVCh. Moskva, Izd-vo "Sovetskoe radio,"
1962. 375 p.   (MIRA 15:2)
    (Oscillators, Electric) (Microwaves)

OSIPOVSKIY, A.I.; AFANAS'YEV, Yu.I.; PAUPER, A.I.; SUKHANOV, Yu.S.

Developmental anomalies and malformations of the central
nervous system in the offspring of gamma-irradiated animals.
Radiobiologiia 3 no.1:88-92 '63.   (MIRA 16:2)

1. I-y Moskovskiy ordena Lenina meditsinskiy institut.
    (GAMMA RAYS—PHYSIOLOGICAL EFFECT) (BRAIN)

S'KE. P ., Yu.S.; BLAG MEATOV, B.F.; EDAR'VSKIY, Ye.B.; KUSELTHIKO, G.K.

Interrelation of melting parameters in high capacity cupolas.
Lit. proizv. no.1:15-17 Ja '65.   (MIRA 18:3)

OSIPOVSKIY, A.I., doktor biol.nauk; AFANAS'YEV, Yu.I.; PAUPER, A.I.;
     SUKHANOV, Yu.S.

     Genetic aspects of the development of the central nervous
     system in gamma irradiated animals. Trudy 1-go MMI 41:111-
     117 '65.   (MIRA 18:12)

SUKHANOV, Z.P.

"Basic Principles of Power Technology,"
paper submitted for the 1st National Congress, Czechoslovak Scientific Technical
Society for Fuel Utilization. Karlovy Vary. Czechoslovakia, 12-17 May 58.

SUKHANOVA, A.;   LYSYY, A., redaktor; KHMEL'NITSKAYA, A.; KIRSANOVA, N., tekhni-
cheskiy redaktor.

[Our trade-union group] Nasha profgruppa. [Moskva] Izd-vo VTsSPS Prof-
izdat, 1954. 48 p.   (MIRA 8:1)

1. Profgruppa pryadil'no-tkatskoy fabriki imeni Lakina, Vladimirskoy
oblasti (for Sukhanova)
          (Trade unions) (Textile workers)

SUKHANOVA, A.I.

Humble workers. Med.sestra 22.no.4:61-62 Ap '63.   (MIRA 16:7)

1. Predsedatel' Soveta meditsinskich sester.
    (SKRITSKAIA, ELENA FEDOROVNA)
    (KOBYSHEVA, MARIIA PANTELEEVNA)

KIREY, P.I. (stantsiya Moskalenki); KONDAKOV, N.P., inzh. (Novosibirsk); SHAKHBALAYEV, M.A., dorozhnyy master; OBOLONSKIY, N.P., inzh.; BARTASH, V.V.; SUKHANOVA, A.M., tekhnik (stantsiya Belev); STAROVOYTENKO, S.P.

Letters to the editor. Put' i put. khoz. no.6:42-44 Je '58.
(MIRA 11:6)

1. Nachal'nik putevoy mashinnoy stantsii No.22 (for Kirey). 2. Stantsiya Zenzeli Ordzhonikidzevskoy dorogi (for Shakhbalayev). 3. Stantsiya Loyga Pechorskoy dorogi (for Obolonskiy). 4. Nachal'nik izyskatel'skoy partii, stantsiya Yasinovataya (for Bartash). 5. Belevskaya distantsiya Moskovsko-Kiyevskoy dorogi (for Sukhanova). 6. Zamestitel' nachal'nika sluzhby puti Yugo-Vostochnoy dorogi, Voronezh (for Starovoytenko).
(Railroads—Maintenance and repair)

ACCESSION NR: AP4047366

B

TITLE: Temperature distribution over the cross section of an arc

SOURCE: IVUZ. Fizika, no. 5, 1964, 176-178

TOPIC TAGS: arc discharge, temperature distribution, thermal conductivity, electric conductivity, spectrum line, gold

ABSTRACT: This is a continuation of early work by the authors (paper at IV Ural Conference. Sverdlovsk, 1963, in press; Izv. vuzov SSSR, Fizika No. 5, 156, 1963) in which it was shown that the temperature distribution over the cross section of a low-current carbon arc is ... and electric conductivity of ... experimental

Card   1/3

L ...

3

ACCESSION NR: AP404...

... for a discharge in Ar + N_2 mixtures
... f 600 mm Hg and a
... ensuring a

linear temperature distribution. The calculated and experimental
results are shown in Figs. 1 and 2 of the enclosure, and it was
found that discharge in a mixture with 95% Ar + 4% N_2 has a linear
distribution T(r) in the current conducting zone. The discharge was
used to determine the transition probabilities of atomic lines suit-
... in spectra of Fe, Mn, Cd, Co,

... fizikotekhnicheskiy institut pri Tomskom
... Physicotechnical

/

ACCESSION NR: AP1047366

SUBMITTED: 08/04/63

SUB CODE: EM, TD   NR REF SOV: 003

ENCL: 02

OTHER: 002

Card   3/5

ACCESSION NR: AP4047366

ENCLOSURE: 01

Fig. 1. Variation of thermal conductivity with
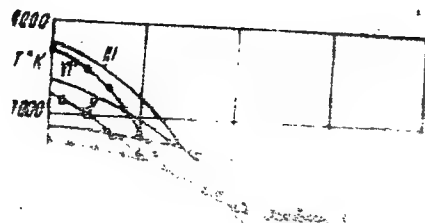
Card 4/5

ACCESSION NR: AP4047366

ENCLOSURE: 02

Fig. 2. Temperature distribution over the cross section of a carbon arc in an argon-neon mixture. Theoretical T/r plot for the following mixtures:

USSR / Pharmacology, Toxicology. Analeptics.   V

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85128.

Author   : Temper, B. A., Sukhanova, G. I.
Inst   : Not given.
Title   : The Use of Ginseng in Hypoacidic and Anacidic Forms
           of Chronic Gastritis.

Orig Pub: In the collection, Materialy k izuch. zhen'shenya
          i limonnika, No 3, Leningrad, 1958, 100-103.

Abstract: 40 patients aged 20-50 years and over were studied
          for the influence of a liquid extract of the gin-
          seng root (G) on the course of chronic gastritis.
          G was given in doses of 10-20 drops 2-3 times a
          day. A course of therapy lasted an average of 20
          days. In chronic hypo- and anacidic gastritis, G
          facilitated elimination of pain, increase in ap-
          petite, and normalization of the stool. Less con-

Card 1/2

SUKHANOVA, G.I.

Late results of the treatment of lambliasis. Trudy Khab.med.inst.
no.20:64-68 '60.   (MIRA 15:10)

1. Iz kafedry gospital'noy terapii (zav. prof. B.A.Temper)
Khabarovskogo meditsinskogo instituta.
                            (GIARDIASIS)

... ... I. M. ...agova

... ... komitet khimicheskoy i neftyanoy ... ...

... ... of compounds of the rare earth
... ... nitrate sulfate

are difficultly soluble in water carbonate, of the rare earth elements with

3. 3

Promyvshlennost' khimicheskikn reaktivov i osobo chistyrkn veshchestv (industry of chemical reagents and extra pure substances); informatsionnyvy byulleten',

simple and yields high-purity (1-5 x 10⁻⁵ %) products. a. u for vremium nirrate and sulfate are presented. For the removal of alkali metal impurities from cesium salts. the method of multiple recrystallization of cesium nitrate has been intro-

alkali metal content of less than 0.001-0.002%. The separation of the Ts-Rb and Rb partis is very difficult because of the small difference in the radii of the

SUKHANOVA, I.N.

Phytoplankton of the northeastern part of the Indian Ocean
during the southwestern monsoon. Trudy Inst. okean. 65:
24-31 '64.   (MIRA 18:8)

SUKHANOVA, I.N.

Specific composition and distribution of phytoplankton in the northern part on the Indian Ocean. Trudy Inst. okean 58:27-39 '62.

(MIRA 15:12)

(Indian Ocean—Phytoplankton)

SUKHANOVA, I.N.

    Tropical phytoplankton of the Indian Ocean. Dokl. AN SSSR
142 no.5:1162-1164 F '62.   (MIRA 15:2)

1. Institut okeanologii AN SSSR. Predstavleno akademikom
A.L.Kursanovym.
             (Indian Ocean—Phytoplankton)

SUKHANOVA, I. V.: Master Biol Sci (diss) -- "Some biological and forestry aspects of early and late strains of English oak in Kamensk Oblast". Moscow, 1958. 19 pp (Inst of Forestry Acad Sci USSR), 150 copies (KL, No 5, 1959, 147)

88486

Synthesis of Halogen Esters of
Orthotitanic Acid

S/079/61/031/001/020/025
B001/B066

preparative importance. The experiments were carried out under exclusion
of atmospheric moisture and with carefully dried reagents. The following
compounds were synthesized: ethoxy titanium trichloride, diethoxy titanium
dichloride, butoxy titanium trichloride, and isopropoxy titanium tri-
chloride. There are 1 table and 7 references: 7 Soviet, 3 British, 1 US,
and 1 Indian.

ASSOCIATION: Vsesoyuznyy elektrotekhnicheskiy institut imeni V. I. Lenina
(All-Union Electrotechnical Institute imeni V. I. Lenin)

SUBMITTED: February 15, 1960

Card 2/2

27909
S/079/61/031/010/009/010
D228/D302

S 3700

AUTHORS: Andrianov, K.A., Astakhin, V.V., Kochkin, D.A., and
Sukhanova, I.V.

TITLE: Reaction of hexamethyldisilazane with the halides
of aluminum and titanium

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 10, 1961,
3410-3411

TEXT: Previous work has shown the possibility of obtaining chloro-
silane from aminosilane and HCl, so the authors studied and devised
a method of synthesizing trimethylchloro-, trimethylbromo- and
trimethyliodosilane in accordance with the scheme:

$$[(CH_3)_3Si]_2NH + AlX_3 \longrightarrow 2(CH_3)_3SiX + NHAlX$$
$$[(CH_3)_3Si]_2NH + TiCl_4 \longrightarrow 2(CH_3)_3SiCl + NHTiCl_2$$

Card 1/2

SUKHANOVA, I.V.

Session of the Presidium of the Academy of Sciences of the U.S.S.R.
dedicated to the problem of molecular biology held on May 11, 1962.
Izv.AN SSSR.Ser.biol. no.5:806-809 S-O '62.   (MIRA 15:10)
(MOLECULAR BIOLOGY)

S/062/62/000/008/012/016
B117/B180

AUTHORS: Andrianov, K. A., Astakhin, V. V., and Sukhanova, I. V.

TITLE: Reaction of alkyl-phenyl-amino silanes with boric acid, phosphoric acid and glycols

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh nauk, no. 8, 1962, 1478-1479

TEXT: Trialkyl-phenyl-amino silanes were found to react easily with boric and ortho-phosphoric acid, giving organo-silicon esters. With ortho-phosphoric acid and boric acid respectively the following were obtained: tris-(triethyl-silyl) phosphate, b.p. 180°C (4 mm Hg); n_D^{20} 1.4400; d_4^{20} 0.9700; 70% yield; tris-borate, b.p. 157-160°C (5 mm Hg); n_D^{20} 1.4372; d_4^{20} 0.8946; 95% yield. It was also found that dialkyl-diphenyl-amino silanes give cyclic dialkyl silane diole esters with glycols. 2,2-dimethyl-1,3-dioxa-2-sila cycloheptane:

Card 1/2

S/079/62/032/005/005/009
D204/D307

AUTHORS: Andrianov, K.A., Astakhin, V.V., and Sukhanova, I.V.

TITLE: The reaction of alkyl (aryl) diacetoxysilanes with alkyl orthotitanates

PERIODICAL: Zhurnal obshchey khimii, v. 32, no. 5, 1962, 1637-1638

TEXT: The interactions of $(EtO)_4Ti$ with $Me_2Si(OCOCH_3)_3$ and with $Me{\displaystyle\searrow\atop Ph\nearrow}Si(OCOCH_3)_2$ and of $(BuO)_4Ti$ with $Me{\displaystyle\searrow\atop Ph\nearrow}Si(OCOCH_3)_2$ were studied, taking the reagents in molar proportions. The products consisted of alkyl acetates, alkyl (aryl) dialkoxysilanes (I) and polymers soluble in alcohol, benzene and toluene. The formation of I is ascribed to the reaction $\geqslant TiOR + \geqslant SiOCOCH_3 \rightarrow \geqslant TiOCOCH_3 + \geqslant SiOR$, where R = Et or Bu.

ASSOCIATION: Institut elementoorganicheskikh soyedineniy i vsesoyuznyy elektrotekhnicheskiy institut imeni Lenina (Institute of Elemental Organic Compounds and All-Union Elec-

Card 1/2

ACC NR: AT7001709

Fig. 1. Arrangement of radio-
isotopic thickness gauge with
spatial separation of scat-
tered and primary γ radiation.
1 - Co^{60}; 2 - NaI(Tl) scintil-
lation crystal; 3 - photo-
multiplier; 4 - logarithmic
amplifier; 5 - normalizer; 6 -
intensity gauge; 7 - compari-
son circuit; 8 - output relay-
signal device; 9 - electronic
block; 10 - pickutp; 11 - mea-
sured material.
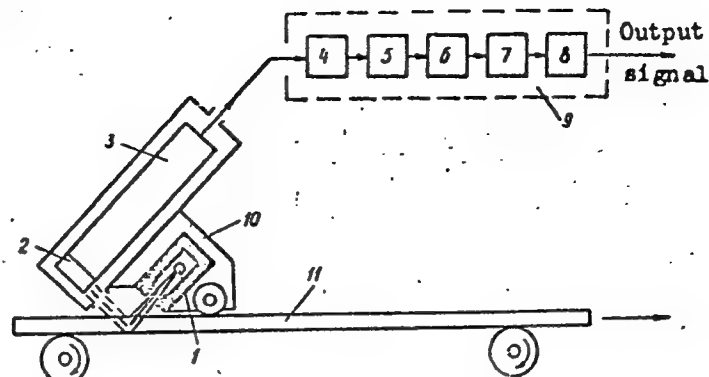
because of the greater intensity of the scattered radiation, and simpler construction.
A model of the radioisotope thickness gauge based on this method was prepared at the
Electrophysics Laboratory of the Physicotechnical Department of the Ural Polytechnic
Institute and used in a nonferrous rolling mill. The production tests confirmed the
advantages of the new method. Orig. art. has: 3 figures and 1 formula.

SUB CODE: 18, 20, 14/   SUBM DATE: 00/   ORIG REF: 004
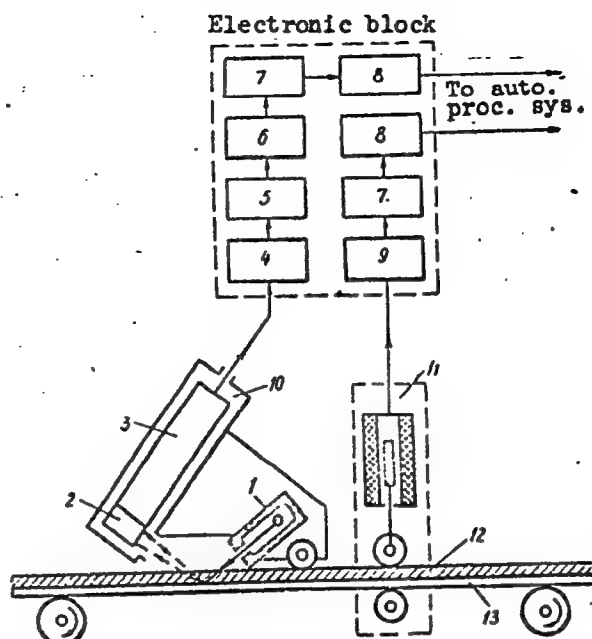
Card 2/2

ACC NR: AT7001710

Fig. 1. Diagram of instrument for auto-
matic monitoring of the total thickness
of rolled bimetal sheet and the thick-
ness of its steel base. 1 - Co^{60}
source; 2 - NaI(Tl) scintillation crys-
tal; 3 - photomultiplier; 4 - logarith-
mic amplifier; 5 - normalizer; 6 - in-
tensity meter; 7 - comparison unit; 8 -
relay-signal output unit; 9 - phase
sensitive rectifier; 10 - radiisotopic
pickup; 11 - inductive pickup; 12 -
steel base of sheet; 13 - aluminum
cladding of sheet.

metal in the range 2.8 - 6.2 mm, for
strips up to 300 mm wide and 2000 mm
long. The tolerance is ± 0.2 mm.
Orig. art. has: 1 figure.

SUB CODE: 18, 20, 14/ SUBM DATE: 00
                    ORIG REF: 006

Card 2/2

Electronic block

SUKHANOVA, K. M.

25490   SUKHANOVA, K. M. Nablyudeniya nad kulbturami Opalina ranarum in vitro. Uchen
zapiski. (Leningr. Gos. ped. in-t im (ertsena), t. LXX, 1948, S 145-52. -
bibliogr: 8 nazv.

SO: Letopis' Zhurnal Statey, No. 30, Moscow, 1948

Sukhanova, A. A.

Infusoria

In vitro observations of cultures of Opalina ranarum. Uch.zap.Ped.inst.Gerts. 70, 1948.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

SUKHANOVA, K.M.
25490

Nablyudeniya Nad Kulbturami Opalina Ranarum in Vitro.   Uchen. Zapiski
(Leningr. Gos. Ped. in-t im ertsena), T. LXX, 1948, s. 145-52
—Bibliogr: 8 Nazv.

SO: LETOPIS NO. 30, 1948

SUKHANOVA, K.M.

Conditions of cyst formation in Balantidium elongatum Stein.
Uch.zap,Ped.inst.Gerts. 110:141-149 '55.   (MIRA 9:7)
                (Balantidium)

SUKHANOVA, K. M.

"On the Nature of Adaptive Changes in the Life Cycles of Parasitic
Protozoa in Amphibians."

Tenth Conference on Parasitological Problems and Diseases with Natural
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of
Sciences, USSR, Moscow-Leningrad, 1959.

Institute of Cytology, USSR Academy of Sciences, Leningrad

SUKHANOVA, K.M.

Cytophysiological characteristics of Protoopalina caudata Zeller.
TSitologiia 1 no.3:333-340 My-Je '59.   (MIRA 12:10)

1. Laboratoriya tsitologii odnokletochnykh organizmov Instituta
tsitologii AN SSSR, Leningrad.
                          (INFUSORIA)

SUKHANOVA, K.M.

Thermal adaptations in protozoans parasitic in amphibians; variation of
heat resistance in opalinids and intestinal infusorians depending on
different hosts. TSitologiia 1 no.5:587-600 S-O '59.
                                                (MIRA 13:2)

1.Laboratoriya tsitologii odnokletochnykh organizmov Instituta
tsitologii AN SSSR, Leningrad.
    (PARASITES--AMPHIBIA) (TEMPERATURE--PHYSIOLOGICAL EFFECT)
    (INFUSORIA)

SUKHANOVA, K. M.

"Cytochemical Investigation of the Life Cycles of Certain Species of
Parasitic Protozoa of Amphibians."

report submitted for the First Conference on the problems of Cyto and
Histochemistry, Moscow, 19-21 Dec 1960.

**Laboratory of the Cytology of One-Celled Organisms of the Institute of Cytology,
Academy of Sciences USSR, Leningrad.**

SUKHANOVA, K.M.

Materials on the thermostability of cysts of parasitic protozoa of
amphibia. TSitologiia 2 no.2:219-226 Mr-Ap '60.   (MIRA 14:5)

1. Laboratoriya tsitologii odnokletochnykh organizmov Instituta
tsitologii AN SSSR, Leningrad.
          (PROTOZOA)   (PARASITES—AMPHIBIA)

SUKHANOVA, K.M.

Specific features of the morphology and the life cycle of
Protoopalina canevi sp.n. Dokl.AN SSSR 132 no.6:1465-1467
Je '60.   (MIRA 13:6)

1. Institut tsitologii Akademii nauk SSSR. Predstavleno
akademikom Ye. N. Pavlovskim.
              (KANEV REGION—PROTOZOA, PATHOGENIC)
              (PARASITES—TOADS)

SUKHANOVA, K.M., POLYANSKIY, G.I.

"Experimental Study of the Thermal Adaptation of Free Living and Parasitic Protozoa."

Report presented at the 1st International Conference on Protozoology, Prague, 22-31 Aug 1961.

SUKHANOVA, K.M.

Morphological and cytochemical study of Protoopalina intestinalis.
TSitologiia 3 no.5:577-585 S-O '61.   (MIRA 14:10)

1. Laboratoriya tsitologii odnokletochnykh organizmov Instituta
tsitologii AN SSSR, Leningrad.
                        (CILIATA)

SUKHANOVA, K.M.

Temperature adaptations in parasitic protozoans from the common
frog (Rana temporarial.) and the lake frog (Rana ridibunda Pall.).
Dokl. AN SSSR 139 no.1:252-255 Jl '61.   (MIRA 14:7)

1. Institut tsitologii AN SSSR. Predstavleno akademikom
Ye.N. Pavlovskim.
          (Protozoa, Pathogenic) (Parasites--Frogs)
               (Temperature--Physiological effect)

POLYANSKIY, Yuriy Ivanovich, prof.; SUKHANOVA, K.M., nauchnyy red.;
VOROB'YEV, G.S., red. izd-va; GURDZHIYEVA, A.M., tekhn. red.

[The complex within the simple; on the complexity of the organiza-
tion of the simplest organisms]Slozhnoe v prostom; o vysote organi-
zatsii prosteishikh. Leningrad, Ob-vo po rasprostraneniiu polit.i
nauchn. znanii RSFSR, 1962. 45 p.   (MIRA 16:1)
                        (Protozoa)

2

POLYANSKIY, Yu. I., SUKHANOVA, K. M. and IRLINA, I. S.

"Temperature Adaptations of Free-Living and Parasitic Protozoans."
pp. 62

Institute of Cytology AS USSR Laboratory of Cytology of Unicellular
Organisms

II Nauchnaya Konferentsiya Instituta Tsitologii AN SSSR. Tezisy Dokladov
(Second Scientific Conference of the Institute of Cytology of the Academy
of Sciences USSR, Abstracts of Reports), Leningrad, 1962 88 pp.

JPRS 20,634

SUKHANOVA, K.M.

     Temperature adaptations in Opalina ranarum during its yearly
life cycle. Tsitologiia 4 no.6:644-651 N-D'62   (MIRA 17:3)

           · ·'nlogii odnokletochnykh organizmov Insti-
.t. tu;·: Ai. SSSR, Leningrad.

SUKHANOVA, K.M.

Temperature adaptations of endoparasitic protozoa from some
species of poikilothermic animals. Zool. zhur. 41 no.9:
1306-1316 S '62.   (MIRA 15:11)

1. Institut tsitologii AN SSSR, Leningrad.
            (Protozoa) (Adaptation (Biology))
            (Parasites—Animals, Cold-blooded)

SUKHANOVA, K.M.

Study of temperature adaptations and morphological characteristics
of some Astomata species from the oligochetes of Eastern
Murman. Sbor. rab. Inst. tsit. no. 3:75-91 '63. (MIRA 17:7)

1. Laboratoriya tsitologii odnokletochnykh organizmov
Instituta tsitologii AN SSSR.

SMIRNOVA, K.M.; SUKHANOVA, N.P.

Effect of pure and mixed pine plantations on the dynamics of the composition of lysimeter waters. Pochvovedenie no.10:56-66 O '64.
(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

STEPHANOVA, K. M.

"Experimental investigation of Temperature adaptations in endoparasitic Protozoa of some Poikilothermic animals."

report submitted for 1st Intl Cong, Parasitology, Rome, 21-26 Sep 1964.

Inst of Cytology, Prospekt Maklina 32, Leningrad F-121.

POLYANSKIY, G. [Polyanskiy, Yu.]; SUKHANOVA, A.M. [Sukhanova, A.M.]

Temperature adaptation of free-living and endoparasitic infusoria. Biul. Mosk. 11 no.2:87-98 '56.

1. Institute of Cytology, Academy of Sciences of the U.S.S.R., Leningrad.

TROSHIN,A.S., otv. red.; ARRONET,N.I., red.; BEYYER,T.V., red.;
    ZHIRMUNSKIY,A.V., red.; KUSAKINA,A.A., red.; PROSSER,
    K.L., red.; LOZINA-LOZINSKIY,L.K., red.; POLYANSKIY.
    Yu.I., red.; SUKHANOVA,K.M., red.; USHAKOV,B.P., red.;
    FEL'DMAN,N.L., red.; ALEKSANDROV, V.Ya., red.

[Cell and the temperature of the medium; transactions]
Kletka i temperatura sredy; trudy. Moskva, Nauka, 1964. 303 p.
                                        (MIRA 18:1)
1. International Symposium on Cytoecology, Leningrad, 1963.
2. Institut tsitologii AN SSSR, Leningrad (for Troshin,
Arronet). 3. Laboratoriya kosmicheskoy biologii Instituta
tsitologii AN SSSR, Leningrad (for Lozina-Lozinskiy).4. La-
boratoriya tsitofiziologii i tsitoekologii Botanichskogo in-
stituta im. V.L.Komarova AN SSSR, Leningrad (for Aleksandrov).
5. Laboratoriya sravnitel'noy tsitologii Instituta tsitologii
AN SSSR, Leningrad (for Zhirmunskiy, Kusakina, Ushakov).
6. Laboratoriya tsitologii odnokletochnykh organizmov Instituta
tsitologii AN SSSR, Leningrad (for Sukhanova). 7. Botaniche-
skiy institut imeni V.L.Komarova AN SSSR, Leningrad (for Arronet).

oro   ...M.

localization ... ...
Citologia ....   (MIR: 16:5)

l. laboratu... ... ...rgth organismov Instituta
tsitologii ... ...

SUKHANOVA, K.M.; NILOVA, V.K.

Synthesis of nucleic acids in the kinetosomes of Opalina
ranarum. TSitologiia 7 no.3:431-436 My-Je '65.

(MIRA 18:10)

1. Laboratoriya morfologii kletki i laboratoriya tsitologii
odnokletochnykh organizmov Instituta tsitologii AN SSSR,
Leningrad.

SUKHANOVA, K.M.

Effect of hormonal factors on the life cycle and adaptations of some endoparasitic protozoa of amphibians. Sbor.rab. Inst. tsit. no.8:96-105 '65.

(MIRA 18:12)

1. Laboratoriya tsitologii odnokletochnykh organizmov Instituta tsitologii AN SSSR, Leningrad.

SUKHANOVA, L.S.

We are opening up and using our reserves. Elek.i tepl.tiaga 14
no.3:6-7 Mr '60.   (MIRA 13:7)

1. Nachal'nik 2-go uchastka energosnabzheniya Yuzhno-Ural'skoy
dorogi, Zlatoust.
            (Electric railroads--Management)